

# **NEW JERSEY COMMISSION ON CANCER RESEARCH GRANTS 1983-1998**

## **CENTER FOR ADVANCED BIOTECHNOLOGY & MEDICINE**

Arnold Rabson	\$73,357	Rearrangement of an NF - kB Gene in Human T-cell Leukemia	Jan 93 - May 95
Michael Shen	\$86,411	Oncogenic Role of a Novel EGF - related Growth Factor	July 95 - June 97
Cory Abate Shen	\$53,348	Role of Psx - 1 in Normal Development and Prostate Cancer	Apr 96 - Mar 97

## **THE CANCER INSTITUTE OF NEW JERSEY**

K V Chin	\$44,000	Regulation of EGFR by PML in Breast Cancer	June 94 - Dec 95
T. S. Ravikuamar	\$99,719	Repository of Cancer Biomaterials for Research	June 95 - Nov 96
William Hait	\$42,550	Apoptosis and Clinical Results in Non - Hodgkin's Lymphoma	June 95 - May 96
William Hait	\$50,000	The Role of Calmodulin - Dependent Protein Kinase III in Cellular Proliferation of Breast Cancer	June 95 - May 97

## **GARDEN STATE CANCER CENTER, BELLEVILLE**

David Goldenberg	\$87,886	A New Colorectal Cancer Marker	Jan 85 - Dec 86
Lisa Beewen Shih	\$78,333	Synthesis of Immunotoxins for Tumor Therapy	June 86 - June 88
Arnold S. Dion	\$79,970	Breast Tumor Glycoconjugates	July 87 - July 89
David V. Gold	\$86,900	Immunobiology of Murine LAK	June 88 - May 90
David. Goldenberg	\$12,500	Radioimmunodetection	June 88 - May 90
Charlene Williams	\$88,000	DNA Cloning and Expression of Breast	June 89 - May 91
Rhona Stein	\$79,882	Targeting of Lung Cancer with Novel Monoclonal Antibodies	June 90 - May 92
Marc Monestier	\$38,060	Anti - Idiotypic Antibodies	June 90 - May 92
Akio Tanaka	\$84,040	Control of Oncogenic	June 90 - May 92
R. Blumenthal	\$42,231	Low Dose Rate Radiation	June 91 - May 92
Julius Martin	\$43,450	Structural Requirements of c - myc	June 91 - May 92
M. Jules Mattes	\$86,900	The Role of Complement as a Tumoricidal Mechanism	June 92 - May 94
Robert Sharkey	\$44,000	Avidin - Biotin Targeting of Colorectal Cancer	June 93 - May 94
David Goldenberg	\$50,000	Immunodiagnosis of Breast Cancer	June 98 - May 99
David Goldenberg	\$38,500	Advances in Biological Therapy of Cancer	June 98 - June 00
Rita Alisauskas	\$86,900	Chronobiology of Experimental IL - 12 Immunotherapy	July 98 - June 00

## **COOPER HEALTH SYSTEM**

Michael Nunno	\$41,882	Radon Induced Genetic Damage in Lung Cancer	June 88 - May 89
Jack Goldberg	\$240,000	New Jersey Network for Clinical Oncology Research	June 94 - May 97
Intae Lee	\$42,098	Mechanisms of Infusional Brachytherapy in Solid Tumors	July 95 - June 96
John P. McCoy	\$36,807	CD10, CD34, and Chromosome Aneuploidy in pediatric ALL	June 97 - June 99

## CORIELL INSTITUTE FOR MEDICAL RESEARCH

Gerard McGarrity	\$71,940	Improved Methodology in Water Evaluations	Jan 85 - Dec 86
Arnold S. Dion	\$44,000	Molecular Studies of MuMTV	Jan 85 - Dec 86
Thomas. Atherholt	\$84,565	In Vivo Effects of Low - Level Radiation	June 86 - June 88
Chung H. Kim	\$85,808	Late SV40 Transcription Factor	June 88 - May 90
Gary Butler	\$42,881	Development of Arginine Deiminase	June 91 - May 92
Gary Butler	\$43,977	Development of Mycoplasma Arginine	June 92 - May 93

## HACKENSACK UNIVERSITY MEDICAL CENTER

Gary Walco	\$30,000	Psychosocial Support Groups in Childhood Cancer	June 95 - May 97
Gary Walco	\$36,000	Cancer Survivorship: Life Span Approaches for Research	June 97 - May 99

## MONMOUTH MEDICAL CENTER, LONG BRANCH

Barbara Rabinowitz	\$13,651	Psychosocial and Nursing Research Education Project	Mar 93 - Feb 94
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## MONTCLAIR STATE UNIVERSITY

Elizabeth Clark	\$28,724	Establishing a Psychosocial Database	June 90 - May 91
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## NEW JERSEY INSTITUTE OF TECHNOLOGY

Sam Sofer	\$19,470	Synthesis of Lipo - soluble Gd Lipos	June 90 - May 91
Sam Sofer	\$2,750	Synthesis of Lipo - soluble Gd Lipos	May 91 - Nov 91

## PRINCETON UNIVERSITY

Michael D. Cole	\$80,300	Characterization of a Novel Oncogene	Jan 85 - Dec 86
Thomas E. Shenk	\$88,000	Gene Product Responsible for Mammary	July 85 - June 87
Timothy L. Manser	\$85,313	Tissue Specificity of Ca in T antigen	June 86 - June 88
Ruth Steward	\$86,235	Oncogenes and Development	July 87 - June 89
Iva S. Greenwald	\$84,516	Mutagenesis of EGF Homeotic	July 87 - June 89
S.J. Flint	\$87,450	In Vitro Studies of Regulation of cmyc	June 89 - May 91
Marilyn Resh	\$81,400	Activation of the c - mrc Proto - onco	June 90 - May 92
J. Schwarzbauer	\$44,000	Initiation of Fibronectin Matrix Assembly	June 94 - May 95
Thomas Vogt	\$44,000	Role of the Fringe Genes in Mammary Development & Cancer	June 97 - May 98
Micheal Cole	\$88,139	N - Myc Oncogene - Specific Nuclear Factor Interactions in Pediatric Cancer	June 97 - June 98

## RIDER UNIVERSITY

Jonathan Yavelow	\$56,220	Anticarcinogenic Mechanisms in Birk Protease Inhibitors	June 86 - June 88
Jonathan Yavelow	\$87,641	Protease Inhibitors	June 87 - July 89
James Riggs	\$83,848	Role of Chronic Stimulation in B Cell Lymphomagenesis	June 92 - May 94
Jonathan Yavelow	\$25,641	New Jersey Cancer Research Workshop	June 92 - June 93
Julie Drawbridge	\$43,365	The C - ret signalling System in Kidney	June 98 - May 99

## RUTGERS, THE STATE UNIVERSITY

Kuang Yu Chen	\$85,828	Protein Phosphorylation	June 84 - June 86
Warren Maltzman	\$87,264	Cellular Imortalization	June 84 - June 86
David Axelrod	\$45,255	New Genes Which Support Ras	June 84 - June 86
Rashida Karmali	\$43,368	Nutrition and Breast Cancer	June 85 - June 86
Rashida Karmali	\$75,385	Omega - 3 Fatty Acids & Breast CA	June 86 - June 88
John D. Rosen	\$71,808	Quantification of Food Mutagens	June 86 - June 88
J. Goldenthal	\$61,424	Oncogene Function	June 87 - June 89
David Axelrod	\$43,670	Genes Ras Transformation	June 87 - May 89
Rashida Karmali	\$86,460	Role of Dietary Fatty Acids in Breast Cancer	June 88 - May 90
M. Greenberg	\$67,900	Evaluation of Black & Indiv. Data Sets	June 88 - May 89
Bernadette West	\$23,023	Proposal for Development of Cancer Research Infrastructure in NJ	June 88 - Nov 89
Gregory Hamm	\$32,690	Network Services for CA researchers	June 89 - June 90
Alan Appleby	\$83,875	Radiation Dose Distribution	June 89 - May 91
Arthur Greenberg	\$58,993	Study of Silatranes: Inhibitors	June 90 - May 92
Edward Yurkow	\$85,237	Regulation of Insulin Receptor	June 90 - May 92
Dona Schneider	\$41,980	NJ Pediatric Cancer Databases	June 90 - May 92
Richard Padgett	\$84,586	In Vivo Structure/Function TGF - Beta	June 91 - May 93
Leonard Rabinow	\$43,182	A Complex Regulator of Drosophila Transcript Accumulation	June 92 - May 93
William Sofer	\$42,818	Study of ELAV, a Drosophila Neuronal HU Antigen Homolog	June 92 - May 93
Kathleen Hagen	\$22,708	A New Rat Model for Human Intravesical Bladder Cancer	June 93 - May 94
Lenore Neigeborn	\$42,501	Mutational and Genetic Analyses of the MDK1 Protein Kinase	June 93 - May 94
Leonard Rabinow	\$43,989	Substrates of an Evolutionarily Conserved Protein Kinase	June 93 - May 94
William Sofer	\$40,150	Study of ELAV, A Drosophila Neuronal HU Antigen Homolog	June 93 - May 94
C.S. Yang	\$24,145	A Workshop on Cancer Research in New Jersey	June 93 - June 94
Carol Gardner	\$84,259	The role of Nonparenchymal Cells in Tumor Induced Liver Dysfunction	June 93 - May 95
Jun - Yan Hong	\$82,346	Inhibition of Tumorigenesis by Organosulfur Compounds from Garlic	June 93 - May 95
David Axelrod	\$44,000	Role of DNA Methylation in Tumor Cell Heterogeneity	June 94 - May 95
Julie Fagan	\$84,810	Iron, Free Radicals and Cancer	June 94 - May 97
Richard Ebright	\$42,860	DNA Binding by MYC and MAX	June 94 - May 95
Jeffrey Way	\$44,000	Molecular Mechanisms of Asymmetric Cell Division	June 94 - May 95
David Axelrod	\$44,000	Role of DNA Methylation in Tumor Cell Heterogeneity	June 95 - May 96
Noshir A. Langrana	\$40,000	Development of Training Tools in Palpation of Breast Lesions	June 95 - May 96
Elise L. Lev	\$30,000	Effects of Chemocare Program on Cancer Survivors & Families	June 95 - May 96
Susan Rittling	\$42,175	Role of Osteopontin in Normal & Neoplastic Mammary Glands	July 95 - June 96
Suzie Chen	\$44,000	Characterization of Transgenic Mice Predisposed to Melanoma	June 96 - May 97

Carl Schaffner	\$44,000	Hamster Prostate Carcinogenesis	July 96 - June 97
Michael Toledano	\$40,763	Analysis of Yeast Oxidant Stress and Cellular Redox Control	June 96 - May 97
Richard Padgett	\$43,977	Upstream Signaling of TGF - B in C. elegans	June 96 - May 97
Kenneth Irvine	\$76,947	Control of Cell Proliferation by TEF - 1Scalloped	July 96 - June 98
Susan Rittling	\$43,450	Role of Osteopontin in Normal and Neoplastic Mammary Gland	July 96 - June 97
Steven Brill	\$30,729	Molecular Analysis of the Blooms/Werner's Syndrome Homolog	July 97 - Dec 97
Susie Chen	\$42,130	Characterization of Transgenic Mice Predisposed to Melanoma	June 97 - May 98
Fumio Matsumura	\$44,000	Role of Fascin in Cell Transformation	June 97 - May 98
Howard Leventhal	\$40,000	Cognitive & Emotional Reaction to BRCA1& BRCA 2 Testing	June 97 - June 99
Corey Nislow	\$63,773	Analysis of SET1, A Yeast Homolog of the Oncogene	July 97 - June 99
Sam Gunderson	\$86,900	Production of Secreted EGFR by Poly (A) Site Activation	July 98 - June 00
Ruth Steward	\$87,890	Characterization of a New Ikb Interacting Protein in Mouse	July 98 - June 00

## **ST. MICHAEL'S MEDICAL CENTER, NEWARK**

Diana Lake - Lewin	\$95,915	Immune Status and Breast Cancer	June 88 - May 89
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## **ST. PETER'S MEDICAL CENTER, NEW BRUNSWICK**

Karel F. Raska, Jr	\$42,900	Man6pg and Prognosis in Ovarian and Prostate Cancer	June 95 - May 96
Karel F. Raska, Jr	\$50,000	Man6P Glycoproteins and Poor Survival in Breast Cancer	June 96 - May 97

## **UMDNJ - ROBERT WOOD JOHNSON MEDICAL CENTER**

Linda Hsu	\$64,216	Effects of Tumor Promotion	June 84 - June 86
Karl Tryggvason	\$88,000	Role of Type IV Collagenase	June 84 - June 86
William McAllister	\$83,233	Studies of Recombination in Papilloma	July 85 - June 87
Ralph S. Greco	\$77,283	Collagen Biosynthesis in Breast Cancer	July 85 - June 87
Michael Liebowitz	\$88,000	Genetics of Mitochondrial Replica	July 85 - June 87
M. Brostrom	\$32,444	Mechanism of Action of Tumor Prom	July 85 - June 87
John Holowczak	\$85,928	Vaccinia Virus Induced Immunity	July 85 - June 87
Alex Eichholz	\$76,585	Organospecificity of Cancer Tissue	June 85 - June 86
M. Brostrom	\$44,000	Mechanism of Action of Tumor Prom	June 85 - June 86
Dennis Devereux	\$38,500	Serum Lipolytic Activity	June 85 - June 86
Jeffrey Laskin	\$81,262	Role of Activated Macrophages	June 86 - June 88
Masayori Inouye	\$88,000	mic RNA Immune System	June 87 - June 89
Lawrence Ettinger	\$87,450	New Prognostic Factors in Pediatric	June 87 - June 89
Paul March	\$76,620	Function of era in E. coli	June 87 - May 89
Michael Leibowitz	\$44,000	Mitochondrial Replication	June 87 - May 89
Mark T. Takahashi	\$86,460	Transglutaminase Catalysis	June 87 - May 89

Kiran Chada	\$88,000	Gene Expression	June 87 - May 89
Ellen Ebert	\$83,374	Immunosuppressive Colon	June 87 - May 89
Danny Reinberg	\$87,406	Gene Control Adenovirus	June 87 - May 89
Jed Waldman	\$92,774	Direct Assessment of Human Radon Exp	June 88 - May 89
Sueihua Pan	\$80,693	Immune Control of DNA Virus Induced	June 88 - May 90
Fredika Robertson	\$86,460	Tumor Promotion & Epidermal Immune	June 88 - May 90
Danny Reinberg	\$83,160	Adenovirus Transforming Genes	June 88 - May 90
Scott Powers	\$82,500	Function of Ras in Growth Factors	June 89 - May 91
Leigh Wise	\$87,876	Isolating Adipose Commitment cDNA	June 89 - May 91
Kiron Moy Das	\$78,100	Diagnosis & Immunotherapies of Colon	June 89 - May 91
Jerome Langer	\$87,725	Characterization of Alpha Interferon	June 89 - May 91
George I. Karp	\$86,192	The Biology & Biochemistry of Blood	June 89 - May 91
Sean O'Connell	\$85,446	Correlation of Genetic Rearrangements	June 90 - May 92
Julian O'Rear	\$77,378	Molecular Genetic Studies - Laminin	June 90 - May 92
Celine Gelinas	\$68,924	Functional Analysis v - rel Oncoprotein	June 90 - May 92
Lynne D. Vales	\$40,920	Functional Domains of Adenovirus	June 91 - May 92
Ralph Dornburg	\$41,800	Retroviral Vectors Containing Chimeric Envelope Proteins	June 92 - May 93
Joseph Dougherty	\$43,100	Cloning of the Receptor Gene for Type D Simian Oncoretrovirus	June 92 - May 93
Susan Quinones	\$82,449	Regulation of Transformation Induced Stromelysin Expression	June 92 - May 94
Ralph Dornburg	\$44,000	Retroviral Vectors Containing Chimeric Envelope Proteins	June 93 - May 94
Beate Schwer	\$39,600	Functional Analysis of the Splicosomes AtPase PrP16	June 93 - May 94
Thresia Thomas	\$44,000	Triplex DNA as an Anti - gene Strategy for Breast Cancer	June 94 - May 95
Tariq Rana	\$43,450	The Molecular Mechanism of Tumor Suppression by P53	June 94 - May 95
Charles Boyd	\$87,907	Lysy1 Oxidase Gene Mutations in Colon Cancer	June 94 - May 96
Michael Gallo	\$20,907	Enhancement of Cancer Prevention and Control Research Programs	June 94 - May 96
Ralph Dornburg	\$88,000	A Model System to Study Gene Therapy of Breast Cancer	June 94 - May 96
Marc Gartenberg	\$88,000	Chromosome Architectute	June 94 - May 97
Reuben Mezrich	\$44,000	In Vivo Temperature Measurement by MRI	June 95 - Dec 96
Tariq Rana	\$42,350	The Molecular Mechanism of Tumor Suppression by P53	June 95 - May 96
Thresia Thomas	\$42,900	Triplex DNA as an Anti - Gene Strategy for	June 95 - May 96
Kiran Madura	\$87,340	Studies on Ubiquitin - Conjugation and Transfer	July 95 - June 97
Jonathan Dinman	\$42,350	Cellular Gene Expression Control by Ribosomal Frameshifting	June 96 - May 97
T.J. Thomas	\$44,000	Estrogen and Cell Cycle in Breast Cancer: A34kDa Protein	June 96 - May 97
Nancy Woyckik	\$88,000	Transcriptional Regulation of Cell Growth by RNA Polymerase	June 96 - May 98
Jonathan Dinman	\$33,550	Ribosomal Frameshifting and Cellular Gene Expression	June 97 - May 98
Terri Kinzy	\$41,800	In Vivo Effects of the PT1 - 1 Prostatic Tumor Promoting Factor	July 97 - June 98

John Lenard	\$84,622	Phosphocalmodulin in Cell Cycle and Cancer	July 97 - June 99
Terri Kinzy	\$42,900	In Vivo Effects of the PTI - 1 Prostatic Tumor Promoting Factor	June 98 - May 99
Thresia Thomas	\$50,000	Estrodiol Metabolites and Breast Cancer	June 98 - May 99
Jeffrey Cook	\$42,900	New Interferon Receptors in Normal and Transformed Cells	July 98 - June 00

## UMDNJ - NEW JERSEY MEDICAL SCHOOL

Richard Feinberg	\$74,756	Embryonic Angiogenesis	June 84 - June 86
M. Zafri Humayun	\$88,000	Sequence Specificity	June 84 - June 86
Michael A. Lea	\$84,490	Neoplasia and Metabolite	June 84 - June 86
Marian L. Harter	\$64,622	Site - Directed Mutations	June 84 - June 86
Lawrence Feldman	\$69,905	Genetic Targets	June 84 - June 86
Helene Z. Hill	\$88,000	The Role of Oxygen	June 84 - June 86
David Kaback	\$87,996	The Role of Differentially	June 84 - June 86
Chang S. Yang	\$88,000	Mechanisms of Alcohol Induced	June 84 - June 86
Alan Pater	\$82,096	Role of BKV Genes	June 84 - June 86
Raghbir S. Athwal	\$81,400	Carcinogen - Induced	Jan 85 - Dec 86
Marjorie Brandriss	\$84,832	Mitochondrial Biogenesis	July 85 - June 87
Lynn S. Ripley	\$77,000	Frameshifts Mechanisms	July 85 - June 87
Jeong - Sook Yoo	\$83,272	Mechanisms of the Metabolic	July 85 - June 87
George Studzinski	\$85,672	Mechanism of Vitamin D	July 85 - June 87
Nicholas Ponzio	\$80,300	Influence of Lymphokines	June 85 - Dec 86
M. Zafri Humayun	\$76,780	Carcinogen - Induced Mutation	June 85 - Dec 86
Linda Plapinger	\$68,999	Studies of Adenosis	June 85 - Dec 86
Joeph J. McArdle	\$43,824	Role of Membrane Ion Transport	June 85 - Dec 86
G. di Mayorca	\$81,400	Transforming Genes of Simian	June 85 - Dec 86
Edward J. Flynn	\$48,884	Benzo (a) pyrene	June 85 - Dec 86
Susan C. Feldman	\$85,316	Neuropeptides	June 86 - June 88
Muriel Lambert	\$75,141	Repair of DNA Interstrand Cross Links	June 86 - June 88
Mukund J. Modak	\$76,681	Structure - Function Relationships	June 86 - June 88
Abraham Aviv	\$74,576	Mitogenic Stimuli & Cellular Na+	June 86 - June 88
Pedro Gascon	\$76,273	Predictive Markers in Leukemic Cells	July 87 - July 89
L.C. Schneider	\$77,088	Micronuclei in Oral Mucosa	July 87 - July 89
Helene Z. Hill	\$44,000	Radiation Carcinogenesis	July 87 - July 89
Reza Najem	\$88,220	Pilot - Preventive Oncology	June 88 - May 89
Marvin Lavenhar	\$79,493	Cancer Risk Factors in Economically Disadvantaged	June 88 - May 89
Roger Howell	\$83,325	Distribution & Radiotoxicity	June 88 - May 90
Mukund Modak	\$44,000	DNA Polymerase Complex from Leukemic	June 88 - May 90

L. F. Pliner	\$85,762	Influences of Polyamines on Human	June 88 - May 90
Karimullah Zirvi	\$87,780	Studies of Human Colon Tumor Cell	June 88 - May 90
John D. Bodgen	\$87,943	Effects of Zinc on Tumor Immunity	June 88 - May 90
Helene Z. Hill	\$86,020	Novel Approaches to Melanoma	June 88 - May 90
Amaresh Basu	\$87,670	Studies on ras p 21	June 88 - May 90
Reza Najem	\$98,285	Pilot Study in Preventive Oncology	June 89 - May 91
Harvey Ozer	\$44,000	Roles of the Retinoblastoma Gene	June 89 - May 91
David Kaback	\$44,000	Control of Recombination	June 89 - May 91
Dandamudi Rao	\$86,460	Radiological Effects of Alpha	June 89 - May 91
Jeffrey Wilusz	\$26,950	Characterization of AAUAAA	June 90 - May 91
Nicholas Ponzio	\$83,362	The Host Immune System	June 90 - May 92
Michael Small	\$39,050	Revertants of Rat Fibroblasts	June 91 - May 92
Jeffrey Wilusz	\$31,900	Protein Factor in Tumor	June 91 - May 92
Zafri Humanyun	\$39,490	Basic Mechanisms of Estrogen Induced Cancer	June 92 - May 93
Gursurinder Kaur	\$83,325	Genetic Analysis of Cell Growth in Brain Tumor Cells	June 92 - May 94
George Studzinski	\$36,709	Cellular Adaptions in ARA - C Resistant Leukemia Cells	June 92 - May 93
Laura Goldsmith	\$37,213	Growth of Ki - Ras Gene Amplified Ovarian Carcinoma Cells	June 93 - May 94
Surienda Kumar	\$42,130	Neoplastic Transformation of Human Cells Nickel Compounds	June 93 - May 94
G. Reza Najem	\$49,940	A Model for Increasing Breast & Cervical Cancer Screening	June 93 - May 94
Laura T. Goldsmith	\$44,000	Growth of Ki - ras Gene Amplified Human Ovarian Carcinoma	June 94 - May 95
Patricia Fitzgerald Bocarsly	\$88,000	Signaling Pathways in Accessory Cell - Dependent NK Lydd	July 95 - June 97
Nicholas Ponzio	\$42,020	Use of Human Umbilical Cord Blood Cells	July 95 - June 97
Jeffrey Wilusz	\$44,000	Mechanism of mRNA Stabilization by Poly (A)	June 96 - May 97
Carlos Molina	\$88,000	Transcriptional Repressor ICER1g and Cell Transformation	July 96 - June 98
Robert Wieder	\$50,000	Differentiation of Breast Cancer by Retinoids & Vitamin D	June 98 - May 99

## VA NEW JERSEY HEALTH CARE SYSTEM

Shirley Hwang	\$34,320	Longitudinal Cancer Care & Pain Survey	July 95 - June 97
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**Total Commission Grant Awards for 1983 - 1998**

**\$13,907,569**